

VISIONWARE: V-LIGHT POULTRY LIGHTING

SPECIALISED LIGHTING MANUFACTURER

INDUSTRIAL | COMMERCIAL | AGRICULTURAL



VISIONWARE



V-LIGHT[®] POULTRY LIGHTING

Locally

Produced



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The V-Light LED system is purpose-built for the poultry industry, combining smart design with real on-farm benefits. It offers easy installation, uniform light distribution, and significantly lower power consumption compared to traditional lighting helping you reduce costs while creating a healthier environment for your birds.

HIGH PERFORMANCE LED: INTEGRATED HOLDER



HIGH LUMEN OUTPUT

5 WATT | 15 WATT OPTIONS

IP 66

WATER & DUST PROOF

EVEN LIGHT LEVELS

80 – 90 % UNIFORMITY

5 YEAR GUARANTEE

10 YEAR LIFE EXPECTANCY

48 VDC POWER SUPPLY UNIT IP65



300 WATT SUPPLY

55 LAMPS PER PSU MAX

FLICKER FREE DC VOLTAGE

LOW VOLTAGE 48 VDC

SURGE PROTECTION

3KVA

3 YEAR GUARANTEE

LIGHT DIMMER CONTROL IP65



0 – 100 % DIMMING

FLICKER FREE

DUSK TO DAWN

15 MINUTE SIMULATION

REMOTE CONTACT

ON/OFF TIMER – EXTERNAL

INPUT CONTROL

0 – 10 V FOR SMART CONTROLLERS



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With 80–90% lighting uniformity, the V-Light system ensures every corner of your poultry house receives even, flicker-free light. No dark spots. No hot spots. Just balanced lighting that makes a real difference.

Calmer Healthier Birds:

Even light reduces stress, aggression, and crowding. Helping to improve overall flock welfare.

Uniform Growth:

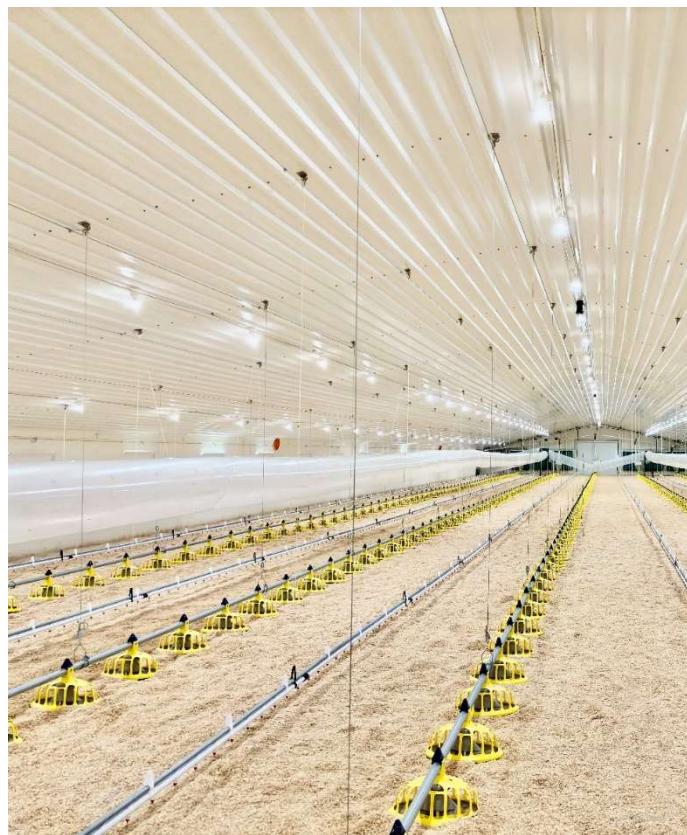
Balanced lighting supports consistent feeding and movement, promoting even weight gain across the entire flock.

Better Feed Efficiency:

Birds are more evenly spaced and active, leading to improved feed conversion and less waste.

Simplified Management:

No need to adjust for poor lighting zones. High uniformity makes it easier to manage birds and monitor performance.



NEW + BLUE

BUILT IN EVERY SINGLE LAMP

4500K
NATURAL WHITE



450nm
DEEP BLUE

The V-Light system includes a powerful **+BLUE MODE**, developed specifically for use during bird catching. This gentle blue light helps create a calm, low-stress environment — right when it's needed most.

Keeps Birds Calm

Blue light naturally reduces activity, helping to prevent panic and piling during catching.

Easier Handling

Birds are more relaxed and easier to catch, reducing strain on workers and minimising time in the shed.

Better Bird Welfare

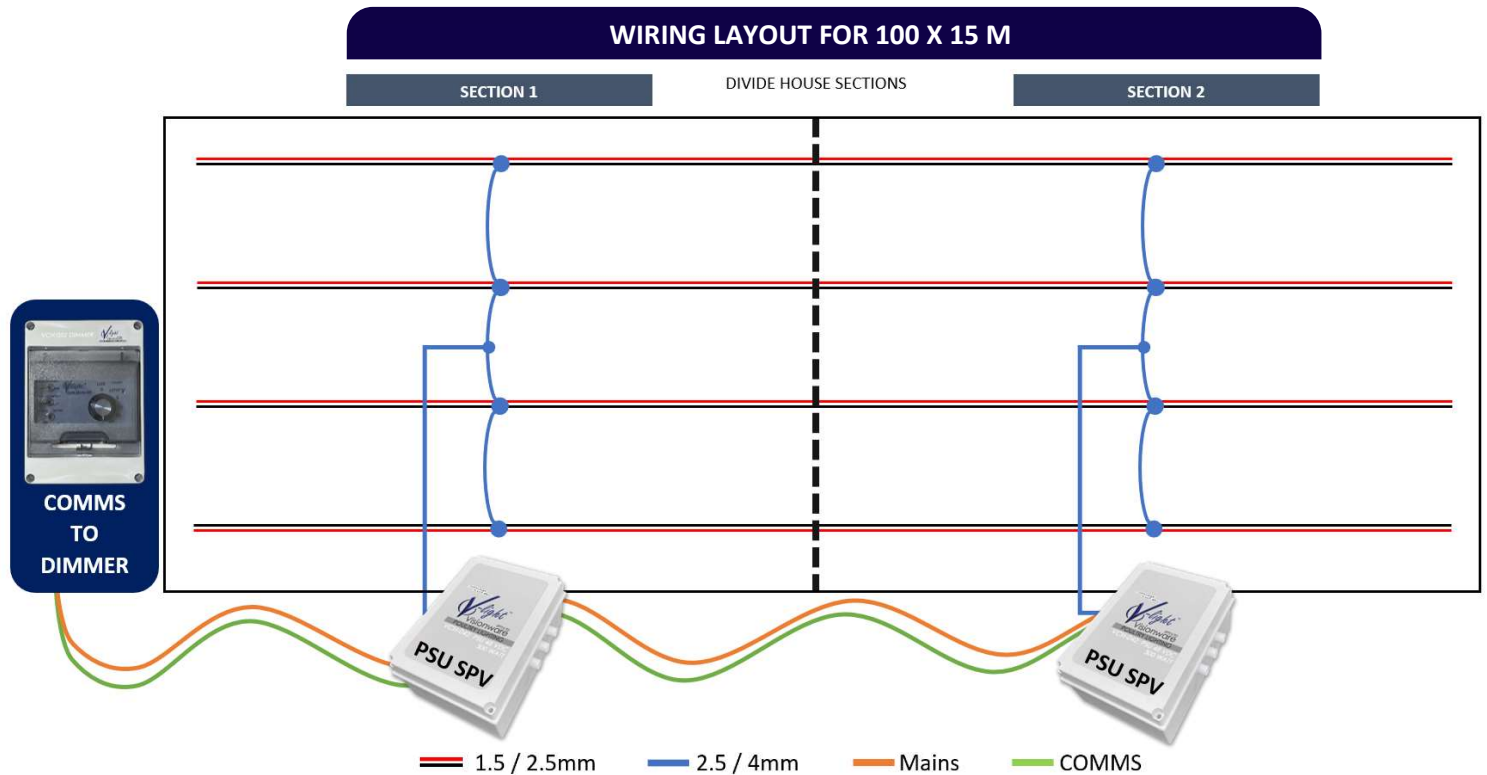
Less flapping means fewer injuries, bruises, or stress-related losses—protecting both flock health and final product quality.

Improves Worker Safety

A smoother process with less chaos means a safer and more efficient work environment.

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Our advanced poultry lighting system operates on a safe and efficient 48V DC low-voltage power supply, delivered through external units. This design not only simplifies the electrical layout but also ensures quick and easy installation, reducing setup time and cost.



EASY TO CONTROL: DIMMING

A standout feature of the system is its full-cycle dimming capability (0–100%) with zero flicker, creating a stable and comfortable environment for poultry. This smooth dimming is ideal for simulating natural sunrise and sunset transitions, which support healthier bird development, improve feed conversion, and help reduce stress and aggression in flocks.

DAWN TO DUSK FEATURE

15 MINUTES

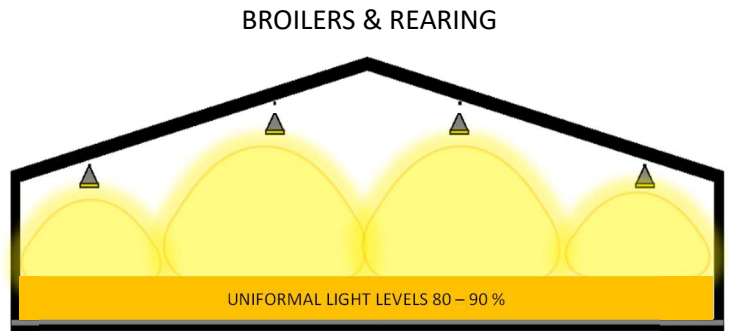
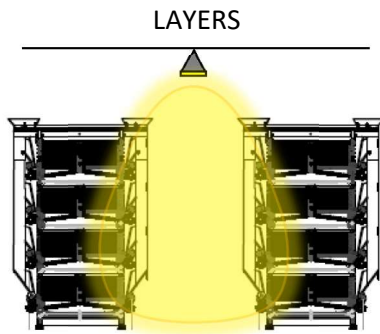


For added flexibility, the system includes a 0–10V input interface, allowing seamless integration with farm automation and production control systems. This compatibility enhances operational efficiency and supports precise light scheduling for optimised poultry performance.



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LAYER AND BROILER POULTRY HOUSE APPLICATION



5 WATT POULTRY LED WITH INTEGRATED HOLDER (FITS ON V-LIGHT JUNCTION BOX)

- ✓ EASY TO INSTALL – CONNECT WITH PVC CONDUCT.
- ✓ LED WITH INTEGRATED HOLDER & O-RING SEAL
- ✓ WATERTIGHT 2-WAY JUNCTION BOX (NO KNOCKOUT)
- ✓ + BLUE FEATURE



5 WATT POULTRY LED WITH INTEGRATED HOLDER – VERTICAL EXTENSION

- ✓ EASY TO INSTALL – LAMPS HANGING FROM CEILINGS.
- ✓ RAISE AND LOWER LAMP HEIGHT FOR OPTIMAL LIGHT LEVELS.
- ✓ WATERTIGHT SEAL THAT INTEGRATES WITH THE LAMP HOLDER.
- ✓ + BLUE FEATURE



15-WATT POULTRY LED WITH WIDE LENS – UNIVERSAL

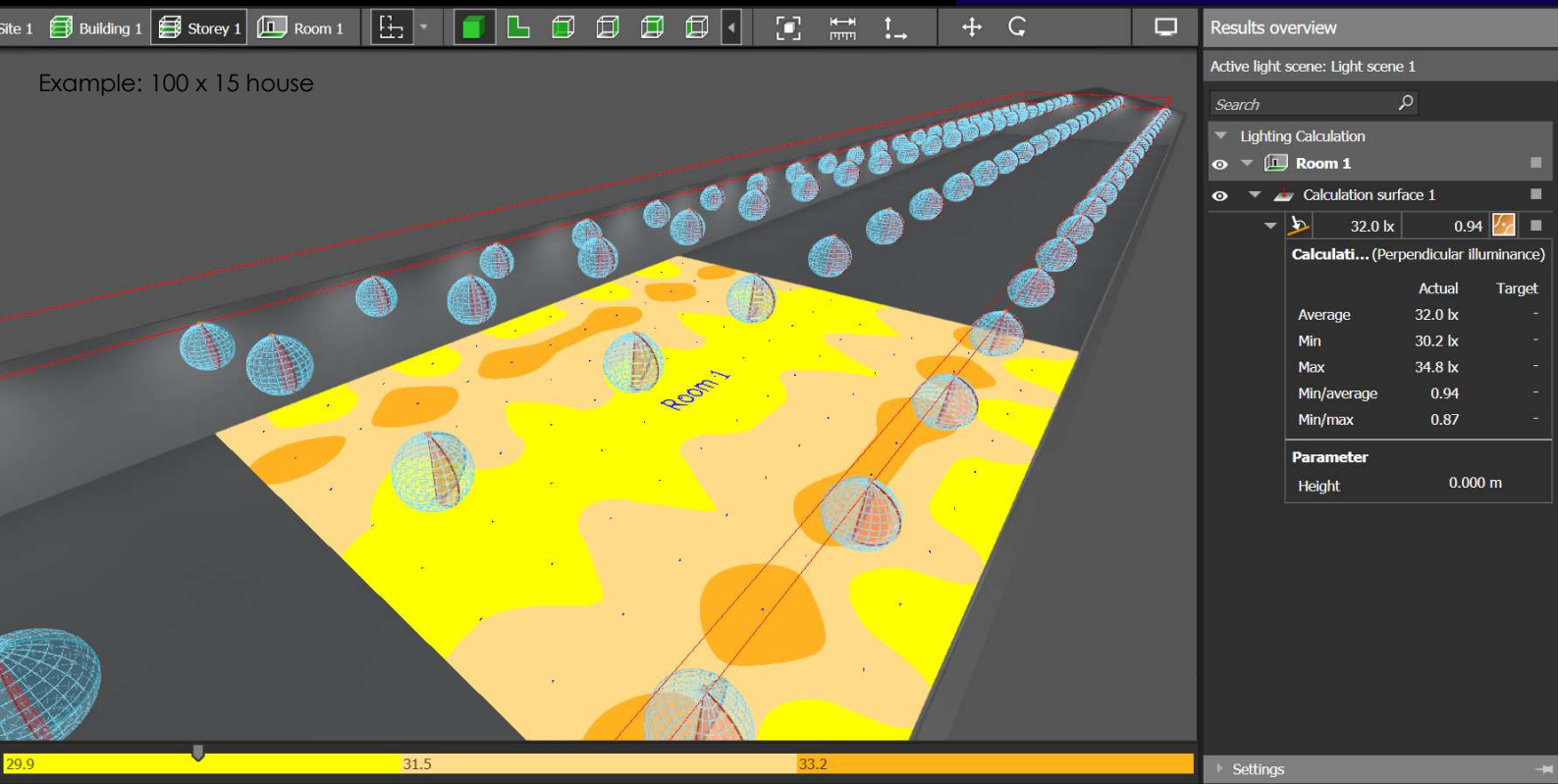
- ✓ EASY TO INSTALL – MOUNT ON CEILING OR JUNCTION BOX
- ✓ SPECIALISED LENS FOR OPTIMAL UNIFORMITY
- ✓ EASY TO RETROFIT OR CONVERT LIGHTING SYSTEM
- ✓ STANDARD 4500K NATURAL WHITE LED



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Specialised design software is used with every lighting system to ensure that all lighting requirements are according to the correct specifications.

WE DESIGN FOR YOU!



Properties	$\bar{E}$	E_{min}	E_{max}	$U_o (g_1)$	g_2
Calculation surface 1 Perpendicular illuminance	32.0 lx	30.2 lx	34.8 lx	0.94	0.87

OTHER PRODUCTS & MARKETS



V-Light further extends its product range and expertise in the lighting industry to various markets of commercial & industrial applications.



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